FÖRM PTO-1449	Attorney Docket Number	33840/LTR/B600 L
	Application Number	To be assigned
INFORMATION DISCLOSURE	Filing Date	Herewith 50
STATEMENT BY APPLICANT	Applicant(s)	Thomas J. Quigley, et al.
	Group Art Unit	To be assigned 2667
(use as many sheets as necessary)	Examiner Name	To be assigned

	U.S. PATENT DOCUMENTS						
EXAMINER DOCUMENT ISSUE PATENTEE INITIALS NUMBER DATE				CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AB	5,640,424	06/1997	Banavong et al.	375	316		
AB	5,696,765	12/1997	Safadi	370	436		
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	FOREIGN PATENT DOCUMENTS							
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EXAMINER INITIALS	DOCUMENT NUMBER		PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO
AB	WO 97/16046	1	05/1997	WIPO				
AB	WO 97/41691	/	11/1997	WIPO				
AB	0 353 779	<u>/</u>	02/1990	European Patent Office				
		-						

	OTHER DOCUMENTS
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AB	Copy of International Search Report dated July 28, 2000 relating to corresponding International Application No. PCT/US99/25675, 6 pp.

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	nitial if reference considered nd not considered. Include co			609; Draw line through citation if n	ot in

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Attorney Docket Number	33539/LTR/B600
Application Number	09/430,821 JAN 2 3 200
Filing Date	October 29, 1999
Applicant(s)	Thomas J. Quigley, et al.
Group Art Unit	2743 2667
Examiner Name	Not Yet Assigned

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		U.S.	PATENT DOCUMENTS				
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS		G DATE OPRIATE
AB	4,928,272	05/1990	Ohue	370	50		
AB	5,710,765	01/1998	Lee et al.	370	436	Tect	_
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		FOREIC	ON PATENT DOCUMENT	rs		. (, , ,
						TRANS	LATION
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO
AB	0 748 120 A1	12/1996	European Patent Office				
AB	0 768 769 A2	04/1997	European Patent Office				·
ДВ	10-243371	09/1998	Japan Patent Office			Abstract Only	

	OTHER DOCUMENTS				
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
AB	Thomas J. Kolze, "Upstream HFC Channel Modeling and Physical Layer Design", General Instruments Corporation, SPIE Vol. 2917, 11/1996, pp. 240-251				
AB	James E. Dail, et al., "Adaptive Digital Access Protocol: A MAC Protocol for Multiservice Broadband Access Networks", AT&T Bell Laboratories, 2460 IEEE Communications Magazine 34, 03/1996, pp. 104-112				
AB	Robert Wolters, et al. "An Initialisation for a Burst-mode Transport HFC System with Delay Determination by Power Distribution Measurement", Alcatel Telecom Research Division, SPIE Vol. 3233, 11/1997, pp. 353-360				

United Kingdom

WIPO International

WIPO International

EXAMINER SIGNATURE ALEXANDER BOAKYE	DATE CONSIDERED	5/8/04
EXAMINER: Initial if reference considered, whether or not citation is conformance and not considered. Include copy of this form with next co		

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FORM PTO-1449

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

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WO 97/10553

WO 97/15129

10/1997

03/1997

04/1997

FORM PTO-1449	Attorney Docket Number	33539/LTR/B600
	Application Number	09/430,821 JAN 2 3 200
INFORMATION DISCLOSURE	Filing Date	October 29, 1999
STATEMENT BY APPLICANT	Applicant(s)	Thomas J. Quigley, et al.
	Group Art Unit	2743 2667
(use as many sheets as necessary)	Examiner Name	Not Yet Assigned

	OTHER DOCUMENTS
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AB	Bharat T. Doshi, et al., "A Broadband Multiple Access Protocol for STM, ATM, and Variable Length Data Services on Hybrid Fiber-Coax Networks", Bell Labs Technical Journal, 06/1996, pp. 36-65
	John O. Limb, "A Protocol for Efficient Transfer of Data Over Hybrid Fiber/Coax Systems", IEEE/ACM Transations on Networking, Vol. 5, No. 6, 12/1997, pp. 872-881

EXAMINER SIGNATURE	ALEXANDER	BOAKYE	DATE CONSIDERED	5/8/04			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in							

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FORM PTO-1449	Attorney Docket Number	33839/LTR/B600
	Application Number	09/714,713 JAN 2 3 2001
INFORMATION DISCLOSURE	Filing Date	November 16, 2000
STATEMENT BY APPLICANT	Applicant(s)	Thomas J. Quigley, et al.
	Group Art Unit	Not Assigned
(use as many sheets as necessary)	Examiner Name	Not Assigned

	U.S. PATENT DOCUMENTS									
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING IF APPRO				
AB	4,383,272	05/1983	Netravali et al.	358	136	٠	i			
AB	4,520,490	05/1985	Wei	375	27					
AB	4,617,676	10/1986	Jayant et al.	375	27					
AB	4,941,154	07/1990	Wei	375	39	Tec	-			
AB	4,958,226	09/1990	Haskell et al.	358	136	nnol	אאן			
AB	5,115,453	05/1992	Calderbank et al.	375	39	hnology	2 2			
AB	5,227,878	07/1993	Puri et al.	358	136	Center	5			
AB	5,339,384	08/1994	Chen	395	2.2		2001			
AB	5,341,457	08/1994	Hall, II et al.	395	2.35	2600				
AB	5,488,633	01/1996	Laroia	375	262	0				
AB	5,579,513	11/1996	Strohmer	395	559	**				
AB	5,627,938	05/1997	Johnston	395	2.39		-			

FOREIGN PATENT DOCUMENTS							
EXAMINER	DOCUMENT	PUBLICATION	COUNTRY OR			TRANS	LATION
INITIALS	NUMBER	DATE	PATENT OFFICE	CLASS	SUBCLASS	YES	NO
AB	0 548 318	06/1993	European Patent Office				

OTHER DOCUMENTS						
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					

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FORM PTO-1449	Attorney Docket Number	33840/LTR/B600
	Application Number	09/684,712
INFORMATION DISCLOSURE	Filing Date	October 6, 2000
STATEMENT BY APPLICANT	Applicant(s JAN 2 3 2001	Thomas J. Quigley, et al.
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		U.S. 1	PATENT DOCUMENTS	3			
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING IF APPR	G DATE OPRIATE
АВ	5,881,363	03/1999	Ghosh et al.	455	5.1		
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EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
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FORM PTO-1449 INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	33840/LTR/B600
Application Number	09/684,712
Filing Date	October 6, 2000
Applicant(s)	Thomas J. Quigley, et al.
Group Art Unit	. 266 3 2667
Examiner Name	Not Assigned

	U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
AB	5,631,846	05/1997	Szurkowski	364	514			
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			FEB 7 - 2001					
			Technology Center 2600					

	FOREIGN PATENT DOCUMENTS								
EXAMINER	DOCUMENT	PUBLICATION	COUNTRY OR				LATION		
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EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						

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FORM PTO-1449					FIRST NAMED INVENTOR QUIGLEY et al.				
. INFORMATION DISCLOSURE STATEMENT					FILING DATE October 6, 2000	ART UNIT 2663			
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	AM1								Yes No
	AN1								Yes No
	AO1								Yes No
	AP1								Yes No
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